ABSTRACT

The present invention relates to a system and methodology to facilitate automatic interactions between a client component and an object supported by an operating system framework. Various components provide automatic locking, or serialization of code execution during selected processing of events that are generated by the object and directed to the client component. The system framework provides automated synchronization services for processing events to a client program. Automated event processing can be configured such that, automated processing can be turned off for all or portions of some tasks and turned on for other tasks. In one aspect, a computer-based event handling system is provided having a framework component that supplies classes of objects that can raise events. A synchronization component automatically controls in part synchronization of access to data based on categorization of objects and/or instances defined by the framework.